

CFDPLAS® PFA Digestion Tube

CFDPLAS® offers a wide range of digestion tubes which vary in form, size and material depending on the type of digestion systems. PFA tubes are thin-walled and translucent, making them easier to use than PTFE tubes, which are white and opaque. Translucency makes it easy to see the internal liquid level and check the insoluble solids at the bottom of the tube.

Flat substrates and thin sidewalls provide excellent thermal conductivity for fast and uniform heating.

Injected from high purity PFA resin with an ultra-low trace metal background is important for digestion by ICP-MS analysis.

The smooth, injection-molded surface treatment of PFA tubes also makes them easier to clean after each use.

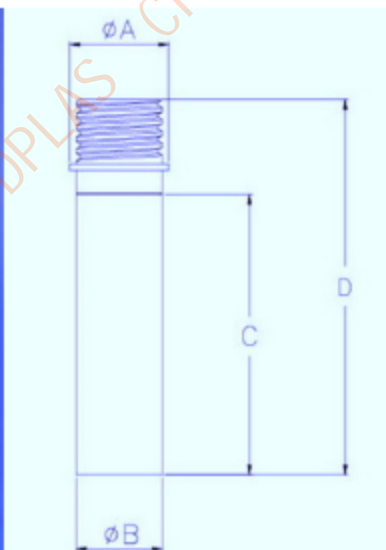
The maximum long-term safe operating temperature of PFA is 260°C, which makes these tubes available for all high-temperature bulk digestion.

The most commonly used digestive tube size is 50ml, providing maximum solubility of 60ml.

It is specially designed for block digestion systems and is suitable for standard digestive system equipment with multiple brands of 50ml (nominal) tubes.

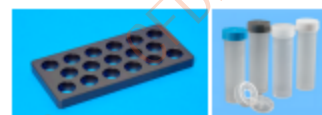
The 50ml tube has a wide range of sealing caps available for calibration at 50ml.

The molded ring under the thread facilitates the removal of the tube from the shelf or digestive block provided by the equipment manufacturer.



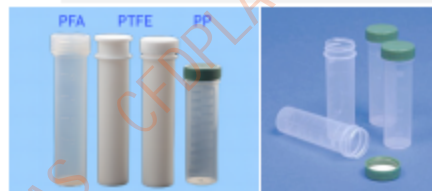
Model No.	Materials	Thread	Ring	Scale	A(mm)	B(mm)	C(mm)	D(mm)
CFD-BDT-001	PFA	Y	Y	Scaled ring	33.5	29	105	135
CFD-BDT-002	PFA	Y	N	None	29	29	105	135
CFD-BDT-003	PFA	Y	Y	Scale lines+50ML mark	33.5	29	105	135
CFD-BDT-004	PFA	N	Y	Scale lines+50ML mark	33.5	29	105	135
CFD-BDT-005	PFA	Y	Y	Multiple scale lines+sign	33.5	29	105	135

Model No.	Materials	Color	Sign & Mark	Seal
CFD-BDT-008	PFA	translucence	Letters/numbers	Inner seal
CFD-BDT-006	PP	customized	Letters/numbers	Inner seal
CFD-BDT-007	PTFE	Milk white	Letters/numbers	customized



APPLICATION

Fit the following digestion blocks systems



Brand	Country of Origin	Instrument Model
EE	USA	SC Series Digestion Systems
SAVILLEX	USA	HPX Series Hot Plate
LABTECH	CHINA	ED/EHD Hot Plate; SST Auto-digestion
SCP	CANADA	DigiPrep Graphite digestion series
ANALAB	FRANCE	EasyDigest Graphite digestion series

